



04-16-09

Cof C

Approved for use through 2/28/2009. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/628,874
	Filing Date	July 28, 2003
	First Named Inventor	Marcos Dantus, et al.
	Art Unit	2881
	Examiner Name	Kiet T. Nguyen
Total Number of Pages in This Submission	Attorney Docket Number	6550-0057COC

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Transmittal letter (in duplicate), Certificate of Correction form (in duplicate), and an acknowledgment postcard.		
<table border="1"><tr><td>Remarks</td><td>The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.</td></tr></table>			Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.
Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Harness, Dickey & Pierce, P.L.C.		
Signature			
Printed name	Monte L. Falcoff		
Date	April 15, 2009	Reg. No.	37,617

CERTIFICATE OF TRANSMISSION/MAILING

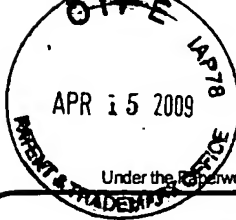
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Monte L. Falcoff	Express Mail Label No.	EM 184 990 300 US (4/15/2009)
Signature		Date	April 15, 2009

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

EM 184 990 300 US**APR 20 2009**



PTO/SB/21 (09-01)

Approved for use through 2/28/2009. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/628,874
	Filing Date	July 28, 2003
	First Named Inventor	Marcos Dantus, et al.
	Art Unit	2881
	Examiner Name	Kiet T. Nguyen
Total Number of Pages in This Submission	Attorney Docket Number	6550-0057COC

ENCLOSURES (check all that apply)				
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Transmittal letter (in duplicate), Certificate of Correction form (in duplicate), and an acknowledgment postcard.		
<table border="1"><tr><td>Remarks</td><td>The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.</td></tr></table>			Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.
Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Harness, Dickey & Pierce, P.L.C.		
Signature			
Printed name	Monte L. Falcoff		
Date	April 15, 2009	Reg. No.	37,617

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Monte L. Falcoff	Express Mail Label No.	EM 184 990 300 US (4/15/2009)
Signature		Date	April 15, 2009

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 20 2009

HARNESS DICKEY



April 15, 2009

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Re: Patent No. 7,105,811 – Issued: September 12, 2006
Inventors: Marcos Dantus and Vadim V. Lozovoy
For: CONTROL SYSTEM AND APPARATUS FOR USE
WITH LASER EXCITATION OR IONIZATION
Our Reference: 6550-000057/COC

Sir:

We have reviewed the above-identified patent and have found the following errors which appear to require a Certificate of Correction:

ON THE TITLE PAGE, under No. (54), Title (Issue Fee Transmittal Part B – Title of Invention), “OF” should be --OR--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 2, column 1, reference No. 2 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 2, Other Documents, Reference No. 3), “Leters” should be --Letters--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 3, column 1, reference No. 6 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 5, Other Documents, Reference No. 45), “2000” should be --2002--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 3, column 2, Reference No. 5 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 2, Other Documents, Reference No. 14), “by use to” should be --by use of--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 1, Reference No. 5 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 3, Other Documents, Reference No. 33), “Characteriziang” should be --Characterizing--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 5 (Information Disclosure Statement dated November 4, 2003, Form

Harness, Dickey & Pierce, P.L.C.
Attorneys and Counselors
P.O. Box 828
Bloomfield Hills, Michigan 48303 U.S.A.
248.641.1600 • fax 248.641.0270

Metropolitan:
Detroit, MI St. Louis, MO Washington, D.C. Portland, OR

FOR COURIER DELIVERY ONLY
5445 Corporate Drive, Suite 200
Troy, Michigan 48098 U.S.A.

www.hdp.com

APR 20 2009

APR 20 2009

1449, page 5, Other Documents, Reference No. 50), "pp. 1584-1598" should be --pp. 1584-1589--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 8 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 5, Other Documents, Reference No. 53), "Roer" should be --Roger--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 11 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 5, Other Documents, Reference No. 57), "Greutzmacher" should be --Gruetzmacher--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 5, column 2, Reference No. 10 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 8, Other Documents, Reference No. 91), "Physic" should be --Physics--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 6, column 1, Reference No. 10 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 10, Other Documents, Reference No. 109), "197" should be --107--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 6, column 2, Reference No. 4 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 11, Other Documents, Reference No. 124), "Redfiled" should be --Redfield--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 8, column 2, Reference No. 16 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 18, Other Documents, Reference No. 207), "mid-tR" should be --mid-IR--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 10, column 2, Reference No. 7 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 24, Other Documents, Reference No. 276), "Relization" should be --Realization--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 10, column 2, Reference No. 18 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 25, Other Documents, Reference No. 287), "pp. 5508-511" should be --pp. 5508-5511--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 11, column 1, Reference No. 5 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 25, Other Documents, Reference No. 293), "precision" should be --precession--.

APR 20 2009

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 11, column 2, Reference No. 10 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 27, Other Documents, Reference No. 315), "Frquency" should be --Frequency--.

Column 1, line 2 (application page 1, line 2), "OF" should be --OR--.

Column 4, line 60 (application page 9, line 19), after "the", delete "to".

Column 5, line 24 (application page 10, line 20), after "few", delete "to".

Column 11, line 4 (application page 23, line 15), "femtoseconds" should be --femtosecond--.

Column 16, line 63 (application page 37, line 1), " ϕ " should be -- φ --.

Column 19, line 49 (application page 42, line 21), "FIGS. 16-16F" should be --FIGS. 16A-16F--.

Column 21, line 2 (application page 45, line 2), after "the", insert --spectral presentation--.

Column 21, line 3 (application page 45, line 3), after "[8]", insert --can be written--.

Column 21, line 13 (application page 45, line 6), after "absorption", insert --spectrum--.

Column 21, line 41 (application page 46, line 3), after " $d\Omega_1$," insert --and--.

Column 28, line 1, Claim 45 (Amendment dated January 19, 2005, page 9, line 18, Claim 39), after "beam", insert --pulse--.

Enclosed herewith is an original and a copy of the Patent and Trademark Office Certificate of Correction form which we request be approved for the above-identified patent. These errors were caused by the U.S. Patent and Trademark Printing Office. Therefore, no fee should be required. However, the Commissioner is hereby authorized to charge any fees which may be required in connection with this patent to Deposit Account No. 08-0750. A duplicate copy of this letter is enclosed.

Also, please make the following errors of record in your files:

Column 2, line 24 (application page 4, line 3), "such a" should be --such as--.

Column 4, line 48 (application page 9, line 9), "out" should be --about--.

APR 20 2009

Commissioner for Patents
April 15, 2009

Page 4

Column 5, line 8 (application page 10, line 8), "particle" should be --particles--.

Column 9, line 31 (application page 20, line 2), "This" should be --These--.

Column 9, line 56 (application page 20, line 20), "will" should be --and--.

Column 11, line 41 (application page 24, line 20), "isothiocyannate" should be --isothiocyanate--.

Column 11, line 41 (application page 24, line 21), "isoccyanate" should be --isocyanate--.

Column 12, line 62 (application page 27, line 20), "phenylalaninne" should be --phenylalanine--.

Column 13, line 51 (application page 29, line 19), "protonatetd" should be --protonated--.

Column 14, line 63 (application page 32, line 13), "showing" should be --shown--.

Column 23, line 19 (application page 49, line 10), "ration" should be --ratio--.

Respectfully submitted,

By: 

Monte L. Falcoff

Reg. No. 37,617

Attorney for Applicants

MLF/sed
Enclosure

APR 20 2009

HARNES DICKY



April 15, 2009

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Re: Patent No. 7,105,811 – Issued: September 12, 2006
Inventors: Marcos Dantus and Vadim V. Lozovoy
For: CONTROL SYSTEM AND APPARATUS FOR USE
WITH LASER EXCITATION OR IONIZATION
Our Reference: 6550-000057/COC

Sir:

We have reviewed the above-identified patent and have found the following errors which appear to require a Certificate of Correction:

ON THE TITLE PAGE, under No. (54), Title (Issue Fee Transmittal Part B – Title of Invention), “OF” should be --OR--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 2, column 1, reference No. 2 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 2, Other Documents, Reference No. 3), “Leters” should be --Letters--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 3, column 1, reference No. 6 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 5, Other Documents, Reference No. 45), “2000” should be --2002--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 3, column 2, Reference No. 5 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 2, Other Documents, Reference No. 14), “by use to” should be --by use of--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 1, Reference No. 5 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 3, Other Documents, Reference No. 33), “Characteriziang” should be --Characterizing--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 5 (Information Disclosure Statement dated November 4, 2003, Form

Harness, Dickey & Pierce, P.L.C.
Attorneys and Counselors
P.O. Box 828
Bloomfield Hills, Michigan 48303 U.S.A.
248.641.1600 • fax 248.641.0270

Metropolitan:
Detroit, MI St. Louis, MO Washington, D.C. Portland, OR

FOR COURIER DELIVERY ONLY
5445 Corporate Drive, Suite 200
Troy, Michigan 48098 U.S.A.

www.hdp.com

APR 20 2009

APR 20 2009

1449, page 5, Other Documents, Reference No. 50), "pp. 1584-1598" should be --pp. 1584-1589--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 8 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 5, Other Documents, Reference No. 53), "Roer" should be --Roger--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 11 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 5, Other Documents, Reference No. 57), "Greutzmacher" should be --Gruetzmacher--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 5, column 2, Reference No. 10 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 8, Other Documents, Reference No. 91), "Physic" should be --Physics--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 6, column 1, Reference No. 10 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 10, Other Documents, Reference No. 109), "197" should be --107--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 6, column 2, Reference No. 4 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 11, Other Documents, Reference No. 124), "Redfiled" should be --Redfield--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 8, column 2, Reference No. 16 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 18, Other Documents, Reference No. 207), "mid-tR" should be --mid-IR--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 10, column 2, Reference No. 7 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 24, Other Documents, Reference No. 276), "Relization" should be --Realization--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 10, column 2, Reference No. 18 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 25, Other Documents, Reference No. 287), "pp. 5508-511" should be --pp. 5508-5511--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 11, column 1, Reference No. 5 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 25, Other Documents, Reference No. 293), "precision" should be --precession--.

APR 20 2009

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 11, column 2, Reference No. 10 (Information Disclosure Statement dated November 4, 2003, Form 1449, page 27, Other Documents, Reference No. 315), "Frquency" should be --Frequency--.

Column 1, line 2 (application page 1, line 2), "OF" should be --OR--.

Column 4, line 60 (application page 9, line 19), after "the", delete "to".

Column 5, line 24 (application page 10, line 20), after "few", delete "to".

Column 11, line 4 (application page 23, line 15), "femtoseconds" should be --femtosecond--.

Column 16, line 63 (application page 37, line 1), " ϕ " should be -- ϕ --.

Column 19, line 49 (application page 42, line 21), "FIGS. 16-16F" should be --FIGS. 16A-16F--.

Column 21, line 2 (application page 45, line 2), after "the", insert --spectral presentation--.

Column 21, line 3 (application page 45, line 3), after "[8]", insert --can be written--.

Column 21, line 13 (application page 45, line 6), after "absorption", insert --spectrum--.

Column 21, line 41 (application page 46, line 3), after " $d\Omega_1$," insert --and--.

Column 28, line 1, Claim 45 (Amendment dated January 19, 2005, page 9, line 18, Claim 39), after "beam", insert --pulse--.

Enclosed herewith is an original and a copy of the Patent and Trademark Office Certificate of Correction form which we request be approved for the above-identified patent. These errors were caused by the U.S. Patent and Trademark Printing Office. Therefore, no fee should be required. However, the Commissioner is hereby authorized to charge any fees which may be required in connection with this patent to Deposit Account No. 08-0750. A duplicate copy of this letter is enclosed.

Also, please make the following errors of record in your files:

Column 2, line 24 (application page 4, line 3), "such a" should be --such as--.

Column 4, line 48 (application page 9, line 9), "out" should be --about--.

APR 20 2009

Commissioner for Patents
April 15, 2009

Page 4

Column 5, line 8 (application page 10, line 8), "particle" should be --particles--.

Column 9, line 31 (application page 20, line 2), "This" should be --These--.

Column 9, line 56 (application page 20, line 20), "will" should be --and--.

Column 11, line 41 (application page 24, line 20), "isothiocyannate" should be --isothiocyanate--.

Column 11, line 41 (application page 24, line 21), "isoccyanate" should be --isocyanate--.

Column 12, line 62 (application page 27, line 20), "phenylalaninne" should be --phenylalanine--.

Column 13, line 51 (application page 29, line 19), "protonatetd" should be --protonated--.

Column 14, line 63 (application page 32, line 13), "showing" should be --shown--.

Column 23, line 19 (application page 49, line 10), "ration" should be --ratio--.

Respectfully submitted,

By: 

Monte L. Falcoff
Reg. No. 37,617
Attorney for Applicants

MLF/sed
Enclosure

APR 20 2009

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,105,811

APPLICATION NO: 10/628,874

DATED : September 12, 2006

INVENTOR(S) : Marcos Dantus and Vadim V. Lozovoy

(Page 1 of 3)

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE, under No. (54), Title, "OF" should be --OR--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 2, column 1, Reference No. 2, "Leters" should be --Letters--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 3, column 1, Reference No. 6, "2000" should be --2002--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 3, column 2, Reference No. 5, "by use to" should be --by use of--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 1, Reference No. 5, "Characteriziang" should be --Characterizing--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 5, "pp. 1584-1598" should be --pp. 1584-1589--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 8, "Roer" should be --Roger--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 11, "Greutzmacher" should be --Gruetzmacher--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 5, column 2, Reference No. 10, "Physic" should be --Physics--.

MAILING ADDRESS OF SENDER: Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 7,105,811

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 20 2009

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,105,811

APPLICATION NO: 10/628,874

DATED : September 12, 2006

INVENTOR(S) : Marcos Dantus and Vadim V. Lozovoy

(Page 2 of 3)

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 6, column 1, Reference No. 10, "197" should be --107--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 6, column 2, Reference No. 4, "Redfiled" should be --Redfield--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 8, column 2, Reference No. 16, "mid-tR" should be --mid-IR--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 10, column 2, Reference No. 7, "Relization" should be --Realization--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 10, column 2, Reference No. 18, "pp. 5508-511" should be --pp. 5508-5511--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 11, column 1, Reference No. 5, "precision" should be --precession--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 11, column 2, Reference No. 10, "Frquency" should be --Frequency--.

Column 1, line 2, "OF" should be --OR--.

Column 4, line 60, after "the", delete "to".

Column 5, line 24, after "few", delete "to".

MAILING ADDRESS OF SENDER: Monte L. Falcoff, Esq.
Hamess, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 7,105,811

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 20 2009

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,105,811

APPLICATION NO: 10/628,874

DATED : September 12, 2006

INVENTOR(S) : Marcos Dantus and Vadim V. Lozovoy

(Page 3 of 3)

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11, line 4, "femtoseconds" should be --femtosecond--.

Column 16, line 63, " ϕ " should be -- φ --.

Column 19, line 49, "FIGS. 16-16F" should be --FIGS. 16A-16F--.

Column 21, line 2, after "the", insert --spectral presentation--.

Column 21, line 3, after "[8]", insert --can be written--.

Column 21, line 13, after "absorption", insert --spectrum--.

Column 21, line 41, after " $d\Omega_1$," insert --and--.

Column 28, line 1, Claim 45, after "beam", insert --pulse--.

MAILING ADDRESS OF SENDER: Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 7,105,811

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 20 2009

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,105,811

APPLICATION NO: 10/628,874

DATED : September 12, 2006

INVENTOR(S) : Marcos Dantus and Vadim V. Lozovoy

(Page 1 of 3)

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE, under No. (54), Title, "OF" should be --OR--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 2, column 1, Reference No. 2, "Leters" should be --Letters--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 3, column 1, Reference No. 6, "2000" should be --2002--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 3, column 2, Reference No. 5, "by use to" should be --by use of--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 1, Reference No. 5, "Characteriziang" should be --Characterizing--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 5, "pp. 1584-1598" should be --pp. 1584-1589--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 8, "Roer" should be --Roger--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 4, column 2, Reference No. 11, "Greutzmacher" should be --Gruetzmacher--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 5, column 2, Reference No. 10, "Physic" should be --Physics--.

MAILING ADDRESS OF SENDER: Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 7,105,811

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 20 2009

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,105,811

APPLICATION NO: 10/628,874

DATED : September 12, 2006

INVENTOR(S) : Marcos Dantus and Vadim V. Lozovoy

(Page 2 of 3)

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 6, column 1, Reference No. 10, "197" should be --107--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 6, column 2, Reference No. 4, "Redfiled" should be --Redfield--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 8, column 2, Reference No. 16, "mid-tR" should be --mid-IR--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 10, column 2, Reference No. 7, "Relization" should be --Realization--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 10, column 2, Reference No. 18, "pp. 5508-511" should be --pp. 5508-5511--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 11, column 1, Reference No. 5, "precision" should be --precession--.

ON THE TITLE PAGE, under No. (56), References Cited, Other Publications, page 11, column 2, Reference No. 10, "Frquency" should be --Frequency--.

Column 1, line 2, "OF" should be --OR--.

Column 4, line 60, after "the", delete "to".

Column 5, line 24, after "few", delete "to".

MAILING ADDRESS OF SENDER: Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 7,105,811

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 20 2009

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,105,811

APPLICATION NO: 10/628,874

DATED : September 12, 2006

INVENTOR(S) : Marcos Dantus and Vadim V. Lozovoy

(Page 3 of 3)

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11, line 4, "femtoseconds" should be --femtosecond--.

Column 16, line 63, "φ" should be --φ--.

Column 19, line 49, "FIGS. 16-16F" should be --FIGS. 16A-16F--.

Column 21, line 2, after "the", insert --spectral presentation--.

Column 21, line 3, after "[8]", insert --can be written--.

Column 21, line 13, after "absorption", insert --spectrum--.

Column 21, line 41, after " $d\Omega_1$ ", insert --and--.

Column 28, line 1, Claim 45, after "beam", insert --pulse--.

MAILING ADDRESS OF SENDER: Monte L. Falcoff, Esq.
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 7,105,811

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 20 2009